$\qquad$
O2019 Kuta Software LLC. All rights reserved
Review for Ch. 11 Test - Page 2

1) Pyramid A and Pyramid B are similar. Pyramid A has a volume of $27 \mathrm{~cm}^{3}$ and has a height of 4 cm . The height of pyramid B is 8 cm . Find the volume of pyramid B.

Find the area of each sector. Round your answers to the nearest tenth.
2)


Find the length of each arc. Round your answers to the nearest tenth.
3)


Find the volume of each figure. Round your answers to the nearest whole, if necessary. Leave your answers in terms of $\pi$ for answers that contain $\pi$.
4)

5)


Find the area of each figure. Round your answer to the nearest tenth.
6)


